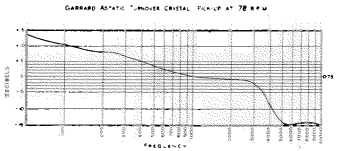
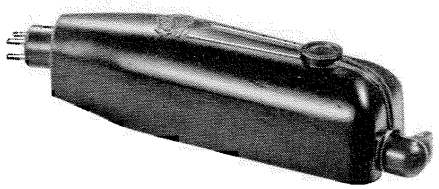
PICK-UP HEADS

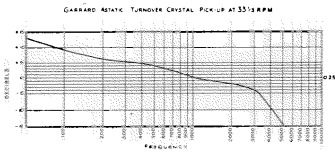
The Garrard range of Turnover Pick-up Heads is designed to provide a simple means presenting the correct stylus point for the type of record to be played.
A .0025" radius sapphire stylus is fitted for playing standard 78 r.p.m. records and .001" radius sapphire stylus for microgroove records.

"GARRARD ASTATIC" TURNOVER CRYSTAL PICK-UP

Features : Replaceable Cantilever Sapphire Stylus.
Adequate voltage output.
Snap action turnover.
No bass compensation needed for average requirements.



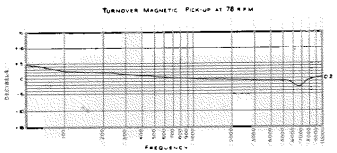


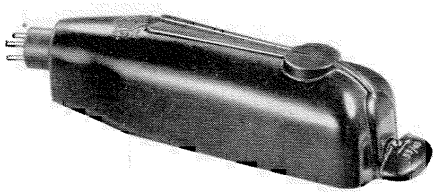


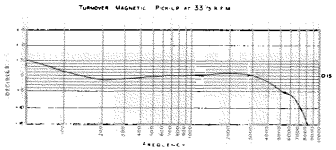
Technical Data :
Sapphire reproducer points.
Average output 0.75 volt at 1,000 cycles on 78 r.p.m. records and 0.25 volt at 1,000 cycles on 33.1/3 r.p.m. records.
Stylus pressure 10 grammes.
Recommended shunt — 1 megohm.

GARRARD TURNOVER MAGNETIC PICK-UP

Features : Robust moving iron movement.
Replaceable armature assembly.
Suitable for tropical conditions.

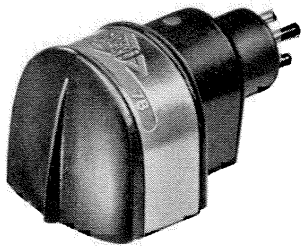


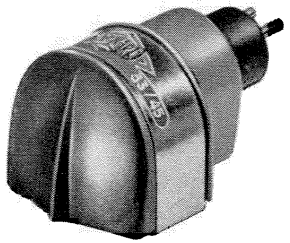




Technical Data :
Sapphire reproducer points.
Average output 0.2 volt at 1,000 cycles on 78 r.p.m. records, and 0.15 volt at 1,000 cycles on 33.1/3 r.p.m.records.
Stylus pressure 10 grammes.
Impedance 20,000 ohms at 1,000 cycles.
D.C. resistance of coil 10,000 ohms.
Recommended shunt — ½ megohm.

GARRARD MINIATURE LOW IMPEDANCE PICK-UPS





These three-pin plug-in pick-up heads are supplied in pairs with step-up transformer.

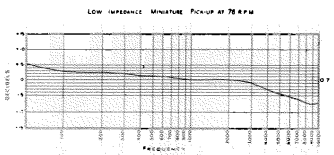
Features : Replaceable stylus of the miniature type.
Standard miniature stylus for 78 r.p.m. records and a .001" radius sapphire stylus for microgroove records.
Pick-ups colour coded — Green for 78 r.p.m. and Red for microgroove records.
High voltage output.
Pick-ups weighted to give correct stylus pressure.
High fidelity response.

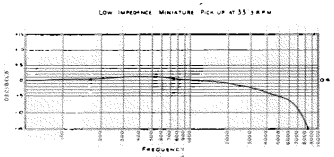
Technical Data :
Average output 0.7 volt with 70 : 1 transformer at 1,000 cycles on 78 r.p.m. records and 0.4 volt with 70 : 1 transformer at 1,000 cycles on 33.1/3 r.p.m.

Stylus pressure 10 grammes with microgroove pick-up, 17 grammes with 78 r.p.m. pick-up.

Impedance both pick-ups, 35 ohms. at 1,000 cycles D.C. resistance of coil, both pick-ups 27 ohms.

Recommended shunt — ½ megohm across transformer secondary.



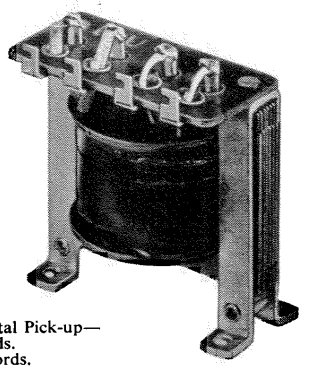


PICK-UP TRANSFORMER

This transformer has a ratio of 70 : 1 and output impedance of ½ megohm.

Insulation tests, 1,500 volts between windings.

FOR USE WITH GARRARD LOW IMPEDANCE MINIATURE PICK-UPS



REPLACEMENT STYLI FOR GARRARD PICK-UP HEADS

For "GARRARD ASTATIC" Turnover Crystal Pick-up—
A.3 Stylus (Green) for 78 r.p.m. records.
A.1 Stylus (Red) for Microgroove records.

For "GARRARD" Turnover Magnetic Pick-up—
Dual Stylus .0025" and .001" radius.

For "GARRARD" Miniature Pick-up—
Miniature Stylus (Green) for 78 r.p.m. records.
Miniature Stylus (Red) for Microgroove records.

For "GARRARD" High Fidelity Pick-up—
H.F. Stylus (Silvered Base Plate) for 78 r.p.m. records.
H.F. Stylus (Coppered Base Plate) for Microgroove records.

PICK-UP ARM UNITS

The GARRARD Pick-up Arm Unit is available in two models namely P.A.1 and P.A.2. The model P.A.1 will take the GARRARD range of plug-in pick-up heads and certain other makes having the plug-in fixing, except the turnover types.

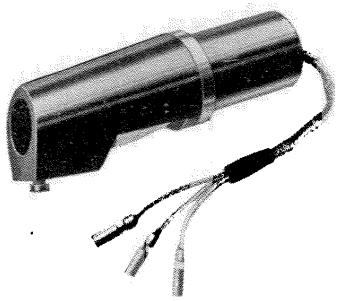
The Model P.A.2 has a shorter arm than the P.A.1, and will take the GARRARD Turnover Types of pick-up. The other GARRARD plug-in heads can be fitted using the Type "B" adaptor. Acos G.P.19 pick-ups can be fitted using the Type "C" adaptor.

Supplied complete with robust bakelite pedestal, pick-up rest, 3 ft. of twin-screened pick-up lead, and all fixing screws.

The vertical pivot is fitted with two ball races, and the whole assembly is free from spurious resonance.

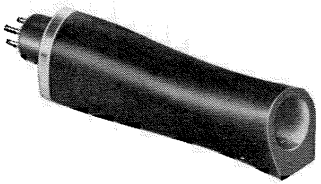
PICK-UP ARM ADAPTORS

Type A



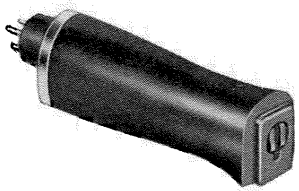
This will fit the larger type of Pick-up Arm on Models R.C.65 and R.C.70 Record Changers to convert them to take the range of Garrard Plug-in Pick-up Heads.

Type B



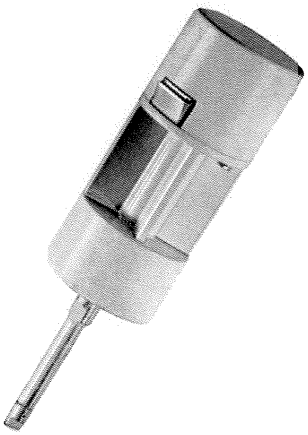
Will fit the Pick-up Arm on the Model R.C.72, R.C.72A, R.C.75A and R.C.80 Record Changers and the Model M. Radio Gram Unit, to take the range of Garrard Plug-in Pick-up Heads.

Type C



To fit the Garrard Model R.C.72, R.C.72A, R.C.75A and R.C.80 Record Changers and the Model M Radio Gram Unit to take the Acos Type G.P.19 Crystal Pick-up Heads.

LARGE RECORD SPINDLE



This Spindle has been specially designed as being the most efficient method of dropping records having a 1½" diameter centre hole.

The Garrard Model R.C.75 series of Record Changers have the mechanism incorporated to operate these spindles when it is desired to play the large hole records.

STYLUS PRESSURE GAUGE

To prevent excessive record wear of L.P. records, stylus pressure should not exceed 10 grammes. The Garrard Pressure Gauge, with a range of 0 to 15 grammes, has been produced to meet the demand for a simple, accurate and inexpensive instrument to measure stylus pressures.

SIMPLE TO USE

With the pick-up arm in playing position and the stylus resting on the balance arm pan, the indicating lever is slowly depressed until the balance point is in the centre of the small window. The indicating lever is then in line with the exact stylus pressure.

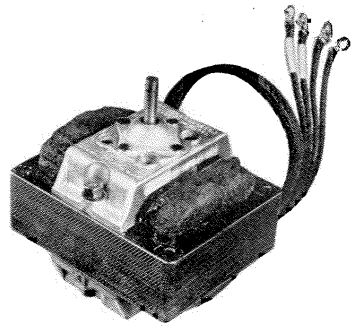
GARRARD D/AC MOTOR UNIT

The Garrard Model D/AC Motor Unit is a robust induction motor designed for continuous operation. It is silent and smooth running and is eminently suitable for small-power applications such as tape recorders, advertising signs, etc. It has self-aligning oil-retaining bearings, lapped rotor shaft, dynamically balanced rotor and the coils are impregnated with a high grade of insulating varnish.

Technical data :

Wattage 16. Torque 2" ozs. at 1,250 r.p.m.
Starting torque 3.5" ozs.
Speed, light, 1,350 r.p.m. 50 cycle supply.
Voltage range 100/130-200/250 volts, 40/60 cycles. Rotation clockwise.
Insulation test 1,500 volts A.C. between windings and frame for one minute.

Supplied with 4 motor leads 10" long, colour coded for voltage change over connections.



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